Name: HW71\_Zero Product

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Geometry, Period

Due Date:

**Geometry**

**Homework**



**Find the solutions, roots, and zero’s using the zero product property. Make sure you CHECK all work.**

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| 1. (x-8)(x+2)=0 | 1. (x+6)(x+1)=0 |
| 1. (x-2)(x-5)=0 | 1. (3x+1)(x+3)=0 |
| 1. (x-8)(x-3)=0 | 1. (x+8)(x+7)=0 |
| 1. (x+7)(x-2)=0 | 1. (7x+8)(x-5)=0 |
| 1. 6x+15=0 |  |
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|  |  |
| 1. 2x+4=0 | 1. 3x+3=0 |
|  |  |
| 1. Find the area of the shape below.      1. A. 36 in2 B. 56 in2 C. 40 in2 D. 80 in2 | 1. Michelle is painting her bedroom walls neon pink. How many square feet will she paint if her bedroom is 20 feet by 12 feet? |
| 1. Segments AB, CD, and EF intersect at H. What is the measure of angle EHB?   A  E  F  H  16  A. 45  B  B. 29  C  C. 119  D. 61  E. 164 | 1. A car tire has a circumference of 64 inches. What is the diameter of the wheel? What is the radius? |